Attorney Docket No.



(414) 271-5770

FAX

Approved for use through 09/30/00. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
orney Docket No. 1256-00721 Total Pages

First Named Inventor or Application Identifier

## UTILITY PATENT APPLICATION TRANSMITTAL

**APPLICATION ELEMENTS** 

(Only for new nonprovisional applications under 37 CFR 1.53(b)

Hector F. DeLuca Express Mail Label No. | EL661051149US

ADDRESS TO: Commissioner for Patents

See MPEP chapter 600 concerning utility patent application contents				Box Patent Application Washington, D.C. 20231					
		6.	П	Microfiche Computer Program (Appendix)					
। হোচ	ee Transmittal Form	0.	ш	Wictoriene Computer Program (Appendix)					
	(Submit an original, and a duplicate for fee processing)	7.	Ma	cleotide and/or Amino Acid Sequence Submission					
	(outsine all original, and a duplicate for 100 processing)	7.		pplicable, all necessary)					
2 121 8	specification [Total Pages 20]		a.	☐ Computer Readable Copy					
	preferred arrangement set forth below)		b.	☐ Paper Copy (identical to computer copy)					
	Descriptive title of the Invention		c.	☐ Statement verifying identify of above copies					
	Cross References to Related Applications								
	Statement Regarding Fed sponsored R & D			CCOMPANYING APPLICATION PARTS					
	Reference to Microfiche Appendix	8.	Ш	Assignment Papers (cover sheet & document(s))					
			_						
	Background of the Invention	9.		37 CFR 3.73(b) Statement □ Power of Attorney					
	Brief Summary of the Invention			(when there is an assignee)					
	Brief Description of the Drawings (if filed)		_						
	Detailed Description	10.		English Translation Document (if applicable)					
	Claim(s)								
- <i>I</i>	Abstract of the Disclosure	11.		Information Disclosure					
				Statement (IDS)/PTO-1449 Citations					
3. 🗆 D	Prawing(s) (35 USC 113) [Total Sheets ]								
		12.		Preliminary Amendment					
4. Oath	or Declaration [Total Pages ]	1		·					
a. [	☐ Newly executed (original or copy)	13.	X	Return Receipt Postcard (MPEP 503)					
	☐ Copy from a prior application (37 CFR 1.63(d))			(Should be specifically itemized)					
	(for continuation/divisional with Box 17 completed)								
	[Note Box 5 below]	14.		Small Entity □ Statement filed in prior					
i. □ DELETION OF INVENTOR(S)				Statement(s) application, Status still proper					
Signed statement attached deleting				and desired					
inventor(s) named in the prior									
application, see 37 CFR 1.63(d)(2) and				Certified Copy of Priority Document(s)					
1.33(b).				(if foreign priority is claimed)					
5. □	Incorporation By Reference (useable if Box 4b is	16.	×	Other: Supplement to Transmittal					
checked). The entire disclosure of the prior			_						
application, from which a copy of the oath or									
declaration is supplied under Box 4b, is considered									
as being part of the disclosure of the									
accompanying application and is hereby									
	incorporated by reference therein.								
17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:									
☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.:/									
18. CORRESPONDENCE ADDRESS									
10. CURRESFUNDENCE ADDRESS									
Custo	omer Number or Par Code Lebel			or 🗵 Correspondence address					
☐ Customer Number or Bar Code Label Insert Customer No. or Attach bar code label here or 区 Correspondence address below.									
NAME Thomas M. Wozny (Reg. No. 28,922									
	ANDRUS, SCEALES, STARKE &	SA	WA	LL, LLP					
ADDRESS 100 East Wisconsin Avenue									
	Suite 1100								
CITY		TE	W	isconsin ZIP CODE 53202-4178					

TELEPHONE (414) 271-7590
Page 1 of 2

COUNTRY

U.S.A.

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PTO/SB/17	COMPLETE IF KNOWN						
	Appli	Application Number					
FEE TRANSMITTAL	Filing Date				Herein		
THE THE SHITTING	First N				Hector F. DeLuca		
	Group	Art Unit	:		Tiector 1. Deffuea		
	Exami	ner Nam	e				
Total Amount of Payment (\$) 710.00	Attorn	ey Docke	et Numb	er	1256-00721		
METHOD OF PAYMENT (check one)	1			FE	EE CALCULATION (continued)		
The Commissioner is hereby authorized to	3. AI	DITION	IAL FEI		(continue)		
charge indicated fees and credit any over payments to:	Large	Entity	Small	Entity			
	Fee	Fee	Fee	Fee			
Deposit Account Number 01.2000	Code	(\$)	Code	(\$)	Fee Description Fee Paid		
Number	105	130	205	65	Surcharge - late filing fee or oath		
Deposit Account Name ANDRUS, SCEALES, STARKE & SAWALL, LLP	127	50	227		Surcharge - late provisional filing fee		
Charge any addition	139	130	139	130	or cover sheet  Non-English specification		
Charge any addition- al fee required under  Charge the Issue Fee set in 37 CFR 1.18	147	2,520	147		For filing a request for examination		
37 CFR 1.16 and 1.17 at the Mailing of	112	920*	112	920*	Requesting publication of SIR prior to		
the Notice of Allowance. 37 CFR	113	1,840*	113	1 8/10*	Examiner action  Requesting publication of SIR after		
Anowance. 57 CFR 1.311(b)		1,040	113	1,040*	Examiner action		
2. X Payment Enclosed:	115	110	215	55	I-xtension for response within first month		
Money    X   Check   Order   Other	116	380	216	190	Extension for response within second month		
FEE CALCULATION (fees effective 10/01/96)	117	870	217	435	Extension for response within third month		
1. FILING FEE	118	1,360	218	680	I xtension for response within fourth		
Large Entity Small Entity Fee Fee Fee Fee Paid Fee Fee Fee Fee Description Paid	128	1,850	228	925	month Extension for response within fifth		
Code (\$) Code (\$)	119	300	218	150	month Notice of Appeal		
101 710 201 355 Utility filing fee <b>\$710.00</b>	120	300	220	150	Filing a brief in support of an appeal		
106 320 206 160 Design filing fee	- 121 - 138	260 1,510	221	130	Request for oral hearing		
107 490 207 245 Plant filing fee 108 710 208 355 Reissue filing fee	150	1,310	138	1,510	Petition to institute a public use proceeding		
108 710 208 355 Reissue filing fee 114 150 214 75 Provisional filing	140	110	240	55	Petition to revive unavoidably		
fee	141	1,210	241	605	abandoned application Petition to revive unintentionally		
SUBTOTAL (1) (S) 710.00	141	1,210	241	005	abandoned application		
0 07 1770	142	1,240	242		Utility issue fee (or reissue)		
2. CLAIMS Fee From Fee Paid below	143	440 580	243		Design issue fee Plant issue fee		
Total claims $7 - 20 = (13) X =$	122	130	244 122		Petitions to the Commissioner		
Independent $1 - 3 = \frac{(2)}{(2)} \times = \frac{1}{(2)}$	123	50	123		Petitions related to provisional		
Claims ————————————————————————————————————	126	240	127		applications		
Multiple Dependent X =	591	240 40	126 591		Submission of Information Disclos. Stmt.  Recording each patent assignment per		
Large Entity Small Entity Fee					property (times number of properties)		
Fee Fee Fee Description	146	710	246	355	Filing a submission after final rejection (37 CFR 1.29(a))		
Code (\$) Code (\$)	149	710	249	355	For each additional invention to be		
103 18 203 9 Claims in excess of 20 102 80 202 40 Independent claims in					examined (37 CFR 1.129(b))		
excess of 3   104   270   204   135   Multiple dependent claim   109   80   209   40   Reissue independent	Other	r fee (sp	ecify)			:	
109 80 209 40 Reissue independent claims over original	Oth	r foo (ac	دعنوه				
patent		Other fee (specify)  * Reduced by Basic Filing Fee Paid					
110 18 210 9 Reissue claims in excess of 20 and over original patent		SUBTOTAL (3)					
SUBTOTAL (2) (\$)					M		
SUBMITTED BY Complete (if applicable)							
Typed or Printed Name Thomas M. Wozny					Registration Number 28,922		
	ادم	<del> </del>					
Signature Mouras M. Nogu	$\mathcal{J} _{\mathrm{D}_{2}}$	ate	3-23	<b>3-01</b>	Deposit Account User ID		

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:	) <u>CERTIFICATE OF EXPRESS MAILING</u>
	) I hereby certify that this correspondence is
Hector F. DeLuca	) being deposited with the United States Postal
Neal A. Jorgenson	) Service with sufficient postage as EXPRESS
Larry D. Satter	) MAIL in an envelope addressed to:
	) Commissioner of Patents Washington, D.C.
Filed Herein for:	) 20231 on this 23 <sup>rd</sup> day of March, 2001. The
	) Express Mail Label is EL661051149US.
INCREASING PHOSPHORUS	
UPTAKE FROM THE GUT OF	
DAIRY COWS BY	) March 23, 2001
SUPPLEMENTING	) Dorothy A. Hauser Date
1α-HYDROXYLATED VITAMIN D	)
COMPOUNDS	)

## SUPPLEMENT TO TRANSMITTAL LETTER

Box: Patent Application Commissioner of Patents Washington, DC 20231

Sir:

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This application is being filed pursuant to 35 USC §111 and 37 C.F.R. §1.53(b). The application includes the specification, at least one claim, and the filing fee. The Declaration is not included. The inventors are Hector F. DeLuca residing at 1809 Highway BB, Deerfield, Wisconsin 53531, Neal A. Jorgenson residing at 5979 Woodcreek Lane, Middleton, Wisconsin 53562 and Larry D. Satter residing at 2917 Pelham Road, Madison, Wisconsin 53713, all of which are United States citizens.

The Declaration will be forwarded promptly upon notification from the U.S. Patent and Trademark Office.

Please address all correspondence and telephone calls regarding this matter to:

Thomas M. Wozny ANDRUS, SCEALES, STARKE & SAWALL, LLP 100 East Wisconsin Avenue, Suite 1100 Milwaukee, Wisconsin 53202 (414) 271-7590

> Respectfully submitted, ANDRUS, SCEALES, STARKE & SAWALL, LLP

Thomas M. Wozny Reg. No. 28,922

Andrus, Sceales, Starke & Sawall, LLP 100 East Wisconsin Avenue, Suite 1100 Milwaukee, WI 53202 (414) 271-7590 Attorney Docket No.: 1256-00721